Index of Claims

| Application/Control No |
|------------------------|
|------------------------|

Applicant(s)/Patent under Reexamination

KAMINAGAYOSHI ET AL.

09/653,286

Examiner

Art Unit

Motilewa A. Good-Johnson

2677

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla          | aim      | Date  |          |              |           |          | Claim Date |           |                     |          |          |          |                     | Claim    |               |                         | Date          |                |                 |  |       |            |          |                |           |          |           |          |          |          |               |
|--------------|----------|---|----------|--------------|-----------|----------|------------|-----------|---------------------|----------|----------|----------|---------------------|----------|---------------|-------------------------|---------------|----------------|-----------------|--|-------|------------|----------|----------------|-----------|----------|-----------|----------|----------|----------|---------------|
|              |          | <u>, , , , , , , , , , , , , , , , , , , </u> | Π        |              | T         |          |            |           |                     |          |          |          | Π                   | T        |               |                         |               |                |                 |  |       |            |          |                |           |          |           |          |          | T        |               |
| Final        | Original | 6/18/05                                       |          |              | ı         |          |            |           |                     |          | Final    | Original |                     |          |               |                         |               |                |                 |  | Final | Original   |          |                |           |          |           |          |          |          |               |
| i <u>È</u>   | Ę        | 12  |          |              |           | - 1      |            |           |                     |          | 诅        | jř       |                     |          |               | 1 1                     |               |                |                 |  | 這     | Orig       |          |                |           |          |           |          |          |          |               |
|              | 0        | ۳   |          |              |           | - 1      |            |           |                     |          |          | O        |                     |          |               |                         | - 1           |                |                 |  |       | C          |          |                |           |          |           |          |          |          |               |
|              | 1        | √   |          | $\neg$       | $\neg$    | $\neg$   |            |           |                     |          |          | 51       | П                   | 7        | $\neg \vdash$ |                         |               |                |                 |  |       | 101        |          | П              |           |          |           |          | T        | $\neg$   |               |
|              | 2        | 1   |          |              | $\neg$    | $\neg$   |            |           |                     |          |          | 52       |                     | ┪        | $\top$        | $\Box$                  |               |                |                 |  |       | 102        |          | П              |           |          |           |          | 寸        | $\neg$   |               |
|              | 3        | 1   |          | $\neg$       | $\exists$ | $\neg$   |            |           |                     |          |          | 53       |                     |          | $\top$        | T                       |               |                |                 |  |       | 103        |          |                |           |          |           |          | $\neg$   | $\neg$   |               |
|              | 4        | 1   |          |              |           |          |            |           |                     |          |          | 54       | m                   |          | $\top$        |                         |               |                |                 |  |       | 104        |          |                |           |          |           |          | $\neg$   | $\neg$   | $\neg$        |
|              | 5        | 1   | $\Box$   |              |           | T        |            |           |                     |          |          | 55       | H                   | $\top$   | $\top$        |                         |               |                |                 |  |       | 105        |          |                |           |          |           |          | 1        | ヿ        |               |
|              | 6        | 1   |          | 寸            |           | 寸        |            |           |                     |          |          | 56       |                     | 十        | _             |                         |               |                |                 |  |       | 106        |          |                | $\neg$    |          |           |          | $\dashv$ | $\dashv$ |               |
|              | 7        | 4   |          | 寸            | T         | ヿ        |            |           |                     |          |          | 57       |                     | $\neg$   | 十             | $\top$                  |               |                |                 |  |       | 107        |          |                |           |          |           |          | 寸        | ヿ        |               |
|              | 8        | 1   | П        | 7            | Ť         |          |            |           |                     |          |          | 58       |                     | $\neg$   | $\neg$        |                         |               |                |                 |  |       | 108        |          | П              |           |          |           |          | T        | 寸        |               |
|              | 9        | 7   | Ħ        | T            |           | İ        |            |           |                     |          |          | 59       |                     |          | $\top$        |                         |               |                |                 |  |       | 109        |          |                |           |          |           |          | 7        | ヿ        |               |
|              | 10       | √   | $\Box$   | $\neg$       | ┪         | $\neg$   |            |           | П                   |          |          | 60       | $\Box$              | $\neg$   | $\dashv$      |                         |               | $\neg \neg$    |                 |  |       | 110        |          |                | ヿ         |          |           |          | 7        | ヿ        |               |
|              | 11       | 1   | Ħ        | $\top$       |           | T        |            |           | $\Box$              |          |          | 61       | $\Box$              | $\top$   | $\top$        | $\top$                  |               | $\top$         |                 |  |       | 111        |          | $\Box$         |           |          |           |          | 寸        | $\neg$   |               |
|              | 12       | 1   | $\Box$   | $\dashv$     | 寸         | 一        | $\Box$     |           |                     |          |          | 62       |                     | $\top$   | $\top$        | $\top$                  |               |                |                 |  |       | 112        |          | П              |           |          |           |          | _        | 寸        | ⊣             |
|              | 13       | 1   |          | $\dashv$     | 1         |          |            | $\Box$    | H                   |          |          | 63       | H                   | $\top$   | $\top$        |                         | $\neg$        |                | Н               |  |       | 113        | М        | Н              |           | $\vdash$ |           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      |
| -            | 14       | V   | $\Box$   | $\dashv$     | 7         |          |            | П         | $\vdash$            |          |          | 64       | $\Box$              | _        | $\top$        | $\dagger \lnot$         | $\neg \vdash$ | $\top$         | П               |  |       | 114        | П        | H              |           | $\vdash$ |           |          | _        | +        | $\dashv$      |
| _            | 15       | 1   | $\vdash$ | 十            | ┪         | $\neg$   | _          | $\neg$    |                     | _        |          | 65       | $\vdash$            | $\dashv$ | +             | +                       | _             | +              |                 |  |       | 115        |          |                |           |          |           |          | 1        | $\dashv$ | $\dashv$      |
|              | 16       | V   | $\Box$   | $\dashv$     | 寸         | 一        | $\Box$     | Н         | $\vdash$            |          |          | 66       | $\vdash \uparrow$   | $\dashv$ | $^{+}$        | $\top$                  | $\dashv$      |                | $\vdash$        |  |       | 116        | Н        | Н              |           |          |           |          | +        | $\dashv$ | $\dashv$      |
|              | 17       | 1   | H        | 十            | 7         | _        |            |           | Н                   |          |          | 67       |                     | _        | +             | 1                       | $\neg$        |                |                 |  | -     | 117        |          | Н              |           |          |           |          | 7        | $\dashv$ | $\dashv$      |
|              | 18       | V   | $\vdash$ | _            | $\dashv$  | $\dashv$ |            |           | $\vdash$            |          |          | 68       | $\vdash$            | $\top$   | $\top$        | $\top$                  | _             |                |                 |  |       | 118        |          | Н              |           |          | _         |          | $\dashv$ | 十        | $\neg$        |
|              | 19       | H   | $\vdash$ | $\dashv$     | $\dashv$  | _        |            | Н         |                     |          |          | 69       | $\vdash$            | +        | +             | +                       | +             | +              | -               |  |       | 119        |          | Н              |           |          |           | $\dashv$ | $\dashv$ | $\dashv$ |               |
|              | 20       | 1   | $\vdash$ | +            | ┪         | $\dashv$ |            | $\dashv$  | $\vdash$            |          |          | 70       | $\vdash$            | +        | +             | +                       | $\dashv$      | +              |                 |  |       | 120        |          | $\vdash$       | $\neg$    | $\neg$   |           | $\dashv$ | $\dashv$ | 十        | $\overline{}$ |
|              | 21       | 1   |          | $\dashv$     | +         |          |            | -         |                     | _        |          | 71       | $\vdash$            | +        |               | +                       |               | $\dashv$       |                 |  |       | 121        | $\vdash$ | $\dashv$       |           |          |           | -        | $\dashv$ | $\dashv$ | -             |
|              | 22       | Ť   | $\vdash$ | +            | $\dashv$  | $\dashv$ |            | $\dashv$  | $\dashv$            | -        | _        | 72       | $\vdash$            | $\dashv$ | $\dashv$      | +                       |               | +              | _               |  |       | 122        | _        | $\vdash$       |           | $\dashv$ |           |          | $\dashv$ | $\dashv$ | ᅥ             |
|              | 23       | 1   | $\vdash$ | +            | $\dashv$  | -        |            | -         | $\dashv$            |          |          | 73       | -                   | $\dashv$ | +-            | +                       | -             | +              | -               |  |       | 123        | -        | Н              | $\dashv$  | $\dashv$ | -         | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ             |
| <b></b>      | 24       | 1   | $\vdash$ | +            | $\dashv$  | $\dashv$ | -1         | Н         | $\dashv$            | _        |          | 74       | H                   | +        | +             | +                       | $\dashv$      | +              | $\dashv$        |  |       | 124        |          | Н              | $\dashv$  | -        | -         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      |
| -            | 25       | 1   | $\vdash$ | +            | $\dashv$  | -1       |            | -         | $\vdash$            |          |          | 75       | 1                   | +        |               | +-                      |               | -              | -               |  |       | 125        | $\vdash$ | Н              | $\dashv$  | $\dashv$ |           |          | -+       | $\dashv$ | $\dashv$      |
|              | 26       | 1   | $\vdash$ | -+           | $\dashv$  | ┪        | $\dashv$   | -         | $\dashv$            | -        |          | 76       | $\vdash$            | +        | $\dashv$      | +                       |               | +              | -               |  |       | 126        | -        | Н              | -         | $\dashv$ |           | $\dashv$ | $\dashv$ | -+       | ᅱ             |
|              | 27       | 1   | $\vdash$ | -            | -         |          | -          | -         | $\vdash$            |          |          | 77       |                     | -+       | +             | +                       | +             | +              | $\vdash$        |  | _     | 127        |          | $\vdash$       |           | $\dashv$ | $\dashv$  |          | $\dashv$ | $\dashv$ | -             |
| ┝            | 28       | 1   | $\vdash$ | $\dashv$     | $\dashv$  | $\dashv$ | $\vdash$   | $\vdash$  | $\vdash$            | $\dashv$ |          | 78       | $\vdash$            |          | +             | +                       | $\dashv$      | -              | $\dashv$        |  |       | 128        | Н        | $\dashv$       |           | $\dashv$ |           | $\dashv$ | +        | $\dashv$ | 긤             |
|              | 29       | =   | $\dashv$ | $\dashv$     | $\dashv$  | $\dashv$ |            | $\vdash$  | $\vdash$            |          |          | 79       | -                   | -        | +             |                         | _             | +              |                 |  |       | 120        |          | $\vdash$       | $\dashv$  | -        |           |          | -        | $\dashv$ | $\dashv$      |
| _            |          | =   |          | <del>-</del> | +         | $\dashv$ |            |           | $\vdash$            |          |          | 80       | ┝                   | -        | +             | +                       |               |                |                 |  |       | 129<br>130 | $\vdash$ | Н              |           |          | -         | -        | $\dashv$ | $\dashv$ | $\dashv$      |
| <u> </u>     | 30       | -   | $\vdash$ | $\dashv$     | $\dashv$  | $\dashv$ | $\vdash$   | $\vdash$  | $\vdash$            | -        |          |          | $\vdash$            | -        | +             | +-                      |               |                |                 |  |       |            |          | Н              |           | -        |           | _        | -        | $\dashv$ |               |
| <u> </u>     | 31       | _   |          | +            | -         | $\dashv$ |            | $\dashv$  | $\dashv$            |          |          | 81       | $\vdash \vdash$     | +        |               | +-                      |               |                |                 |  |       | 131        |          | Н              |           |          |           |          |          | $\dashv$ | _             |
| <u> </u>     | 32       |   | $\vdash$ | +            | +         |          |            |           |                     |          |          | 82       | $\vdash$            | -        | +             | +                       |               | -              |                 |  |       | 132        | $\vdash$ | Н              |           | $\dashv$ |           |          | -+       | $\dashv$ |               |
| <u> </u>     | 33<br>34 | <u> </u>                                      | $\dashv$ | $\dashv$     | +         | $\dashv$ |            | $\vdash$  |                     | $\dashv$ |          | 83<br>84 | $\vdash \vdash$     | +        | +             | +                       |               | -              |                 |  |       | 133<br>134 | Н        | Н              | $\vdash$  |          | $\vdash$  |          | -        | $\dashv$ |               |
|              |          | _   | $\dashv$ | +            | $\dashv$  | $\dashv$ | -          | $\vdash$  | $\vdash \vdash$     | $\dashv$ |          |          | ┝╌┼                 | +        | +             | +                       | +             |                | $\vdash$        |  |       |            | Н        | Н              | -         | $\dashv$ | $\vdash$  | $\vdash$ | -        | $\dashv$ | $\dashv$      |
| <b>_</b>     | 35       | <u> </u>                                      | $\dashv$ | -            | $\dashv$  | -        |            |           | $\vdash \vdash$     |          |          | 85       | $\vdash \vdash$     | +        | +-            | +                       | -+-           | +              | $\vdash$        |  |       | 135        | Н        | $\vdash\vdash$ | $\dashv$  | -        |           | $\dashv$ | -+       | -        | $\dashv$      |
| <u> </u>     | 36       | Ь—  | $\dashv$ | +            | $\dashv$  | $\dashv$ |            | $\vdash$  | $\vdash$            | -        |          | 86       | $\vdash \vdash$     | +        | +             | +                       |               | +              | $\vdash$        |  |       | 136        |          | Н              |           |          |           |          | $\dashv$ | $\dashv$ | $\dashv$      |
| <u> </u>     | 37       |   | $\dashv$ | +            | $\dashv$  |          |            | $\vdash$  |                     |          |          | 87       | $\vdash$            | +        | +             | $\vdash$                |               | $\dashv\dashv$ |                 |  |       | 137        |          | $\vdash$       |           | $\dashv$ |           |          | $\dashv$ | -        | $\dashv$      |
| <u> </u>     | 38       | -   | $\dashv$ | +            | +         |          | $\dashv$   |           | $\vdash \vdash$     | -        |          | 88<br>89 | $\vdash \vdash$     | +        | - -           | +                       | +             | +              | $\vdash$        |  |       | 138        | Н        | Н              | H         | $\dashv$ |           |          | $\dashv$ | $\dashv$ | _             |
| <u> </u>     | 39       | H   |          | $\dashv$     | $\dashv$  | $\dashv$ | $\dashv$   | Н         | $\vdash \vdash$     | -        |          |          |                     | -+-      | -             | +                       | +             | +              | $\vdash\vdash$  |  |       | 139<br>140 | Н        | $\vdash\vdash$ | $\dashv$  | -        | -         |          | $\dashv$ | $\dashv$ | $\dashv$      |
| -            | 40       | <u> </u>                                      |          | +            | $\dashv$  |          | $\dashv$   | $\vdash$  | ⊢⊢                  |          | $\vdash$ | 90       | $\vdash \vdash$     | +        |               | +                       | +             | +              | $\vdash$        |  | -     |            | $\vdash$ | Н              |           | $\dashv$ |           |          |          | $\dashv$ | $\dashv$      |
|              | 41       | $\vdash$                                      | $\vdash$ | +            | $\dashv$  | -        | -          |           |                     | $\dashv$ |          | 91       | $\vdash \vdash$     | +        | +             | +                       | +             | +              | $\vdash$        |  |       | 141        | Ш        | $\vdash$       |           |          |           | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$      |
| <del> </del> | 42       |   |          | +            | $\dashv$  |          | $\dashv$   | $\vdash$  | $\vdash \vdash$     | $\dashv$ |          | 92       |                     | +        | +             | +                       | -             | +              | $\vdash \vdash$ |  |       | 142        | $\vdash$ | $\vdash\dashv$ | $\square$ |          | $\vdash$  | <b></b>  |          | -        | _             |
| <u> </u>     | 43       | <b>—</b>                                      | $\vdash$ | +            | +         |          |            |           | $\vdash$            |          | ļ.—ļ     | 93       | $\vdash \vdash$     | +        | +             | -                       |               |                |                 |  |       | 143        |          |                | $\sqcup$  | -        | $\Box$    |          |          | -        | $\dashv$      |
| <b></b>      | 44       | $\vdash$                                      | $\vdash$ | +            | 4         | $\dashv$ | -          | $\Box$    | $\vdash \vdash$     | _        |          | 94       | -                   | -        | +             | $\vdash$                | _             | +              | $\vdash$        |  |       | 144        | Щ        | $\square$      | $\sqcup$  |          |           | _        |          | 4        | 4             |
|              | 45       | <u> </u>                                      | $\sqcup$ | -            | 4         | 4        |            | $\Box$    | $\vdash \vdash$     |          |          | 95       | $\vdash \vdash$     | +        | $\perp$       | $\vdash$                |               | 44             | Щ               |  |       | 145        |          | Ш              |           | Щ        | $\square$ |          | $\dashv$ | _        |               |
|              | 46       | <b>_</b> _                                    | $\sqcup$ | 4            | 4         |          |            | $\Box$    | $\vdash \downarrow$ |          | <u> </u> | 96       | $\sqcup$            | _        | +             | 4-4                     | $\perp$       | $\bot$         | Щ               |  |       | 146        |          | Щ              | $\square$ | Щ        |           | Щ        | $\dashv$ | _        |               |
|              | 47       | $\vdash$                                      | $\sqcup$ | +            | 4         | _        | $\dashv$   | $\square$ | $\vdash \dashv$     |          |          | 97       | $\vdash \downarrow$ | 4        | $\bot$        | $\downarrow \downarrow$ |               | $\perp$        | Щ               |  |       | 147        | Ш        | Ш              | $\sqcup$  |          | Ш         |          | _        | _        |               |
| <u> </u>     | 48       |   |          | $\perp$      | 4         | _        |            |           | $\square$           |          |          | 98       | $\sqcup$            |          | $\bot$        | 4                       |               | 41             | Щ               |  |       | 148        | Ш        |                |           |          |           | $\Box$   | _        | _        |               |
|              | 49       | <u> </u>                                      |          | 4            | 4         | $\dashv$ |            |           | $\square$           | _        |          | 99       | $\sqcup \bot$       | _        |               | 11                      | _             | 44             | Щ               |  |       | 149        | Ш        | Ш              |           |          |           |          | _        | $\perp$  |               |
|              | 50       | L.  |          |              |           |          |            |           |                     |          |          | 100      |                     |          |               | 1                       |               |                |                 |  |       | 150        |          |                |           | ĺ        |           | . 1      | - 1      | - 1      |               |